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SECURITY INFORMATION

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25X1X German Democratic Republic

REPORT ON GUAIACOL INSTALLATION AT THE CHEMICAL PLANT IN GRUENAU (64 pp; German; [redacted] 1951)

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[redacted]

This document consists of 3 groups of photostatic copies dealing with a guaiacol installation at the Chemical Plant in Gruenau, an enterprise of the VVB (Federation of People-Owned Enterprises) Pharma.

The first of these is a 1-page memo from the people-owned KIB (Technical Designing and Engineering Office) in Berlin-Weissenberg to the KIB in Leuna and the Chemical Plant in Gruenau, discussing certain financial aspects in connection with the guaiacol project, which is discudded in greater detail in the remainder of the document. The date of this
25X1A memo is [redacted] 51.

The second group, consisting of 41 pages, gives the technical plans for the guaiacol installation at the Chemical Plant at Gruenau. This installation is to have a production capacity of 500 kg a month, instead of a monthly capacity of 300 kg, as stated in a previous report on this installation. These 41 pages contain the following: purpose of installation and characteristics, description of process according to technical plan B/Ts 3-8, physical and chemical bases, stoichiometric computations, electric power and operating materials, explanation of the technological plan B/Ts 3-8, description of the assembly plan B/T 19-2, description of the most important equipment and pipe lines, calculations for the construction plan B/T 38-2, list of apparatus, cost calculations, material requirements, personnel requirements, and a list of pertinent drawings.

The third group consists of 22 pages which contain a detailed description of the process used in producing guaiacol. The main headings are: general information on the project, computation of energy used in the process, steam required for heating, calculation of steam needed for swing buckets, amount of water required, vacuum fractionating column, heat required for the vacuum fractionating column, computation of power required, consumption of power per 100 kg of potassium guaiacol sulfanate, and computation of the amounts of electric current. The last 6 pages are sections of a diagram of the process.

/Foreign language document or microfilm of it [redacted] is available in CIA library, Ext [redacted] /

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29 May 1952

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